

Appl. No. 10/092,932  
Amendment dated November 3, 2004  
Reply to Office Action of August 3, 2004

### **Remarks/Arguments**

Claims 1-25 are pending and of these, claims 1-7, 10-17, and 20-24 stand rejected on varying grounds under §103(a). Claims 8, 9, 18, 19, and 25 are objected to but would be allowable if rewritten to include all limitations of respective base and any intervening claims. Claims 1, 7, 11, 17, 23, and 24 have been amended to further clarify the invention. Claims 8 and 18 have been amended to remedy some formalities and broaden the claims. No new matter has been added by any of the amendments to the claims. In view of the comments below, Applicant respectfully requests that the Examiner reconsider the present application including claims 1-25 and withdraw the rejection of these claims.

a) Applicant notes with appreciation that the Examiner has considered the art listed on and returned initialed copies of form 1449 filed with the initial application and form 1449 filed with a 10/14/03 supplemental IDS. Applicant further notes that the drawings filed on 9/17/03 have been accepted.

b) Claims 1, 5-7 and 23 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Groves, et al. (U.S. Patent No. 6,549,096) in view of Pugel (US Patent No. 5,020,146). Claims 1 and 23 have been amended to further clarify the invention. Claim 1 now further defines the first integrated circuit to read: said first integrated circuit arranged to present a balanced differential load to a differential signal provided by said source when said integrated switch is biased on or

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off and claim 23 is similarly clarified. Claim 7 has been amended for antecedent issues in view of the amendment to claim 1.

This limitation is similar in part to the limitations that were included in original claim 7. The Examiner had maintained with respect to claim 7 that "it is clear that Groves would disclose a capacitor and an integrated switch as claimed (see refs. 14, 16 in Fig. 1)." Applicant respectfully disagrees with this characterization of Groves since this reference does not show or discuss or otherwise suggest any efforts toward presenting a balanced differential load for input signals. Applicant respectfully submits that the structure of Groves as depicted in FIG. 1 would not present a balanced load as claimed since, for example, there is no symmetry in the circuit and no information is provided that the circuit could be formed to present a balanced load as claimed.

Thus Applicant respectfully submits that Groves does not show or suggest the claimed balanced load whether taken alone or together with Pugel and thus these references do not support a §103(a) rejection of claim 1 or 23 nor at least by virtue of dependency claims 5-7. Therefore at least for these reasons, Applicant respectfully requests that the Examiner reconsider and withdraw this rejection of claims 1, 5-7, and 23 under 35 U.S.C. 103(a) based on Groves et al. (U.S. Patent No. 6,549,096) in view of Pugel (US Patent No. 5,020,146).

c) Claims 2-4, 10-17, 20-22 and 24 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Groves, et al. in view of Pugel and further in view of Long (US Patent No. 6,026,286). Claims 2-4 and 10 are dependent on claim 1. Claim 24 is dependent on claim 23 and has been amended in view of the amendments to claim 23. At least by virtue of dependency

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on a claim that is believed to be allowable over these references the dependent claims should also be allowable.

Claim 11 has been amended to further define said first integrated capacitive circuit arranged to present a balanced differential load to a differential signal provided by said LNA when said integrated switch is biased on or off. This amendment is analogous to the above discussed amendment to claims 1 and 23. As noted above Groves et al and Pugel do not show this feature and Long taken alone or together with the other references does not show or suggest this feature.

Thus Applicant respectfully submits that Groves and Pugel do not show or suggest the claimed balanced load whether taken alone or together with Long and thus these references do not support a §103(a) rejection of claim 11 or at least by virtue of dependency claims 12-17. Therefore at least for these reasons, Applicant respectfully requests that the Examiner reconsider and withdraw this rejection of claims 2-4, 10-17, 20-22 and 24 under 35 U.S.C. 103(a) based on Groves et al. (U.S. Patent No. 6,549,096) in view of Pugel (US Patent No. 5,020,146) and further in view of Long (US Patent No. 6,026,286).

d) Claims 8-9 18-19 and 25 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claims 8 and 18 have been amended to resolve some informalities and to broaden the resultant claim. Applicant agrees that these claims are allowable for at least the reasons noted in the office action but also believes they are allowable based on the

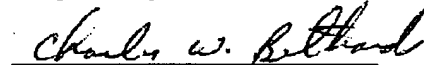
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arguments advanced above in view of the amended base claims and because the references do not show a capacitor switch capacitor circuit as claimed.

Accordingly, Applicant respectfully submits that the claims, as amended, clearly and patentably distinguish over the cited references of record and as such are to be deemed allowable. Such allowance is hereby earnestly and respectfully solicited at an early date. If the Examiner has any suggestions or comments or questions, calls are welcomed at the phone number below.

Although it is not anticipated that any fees are due or payable since this amendment and response is being timely filed, the Commissioner is hereby authorized to charge any fees that may be required to Deposit Account No. 50-1147.

Respectfully submitted,



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